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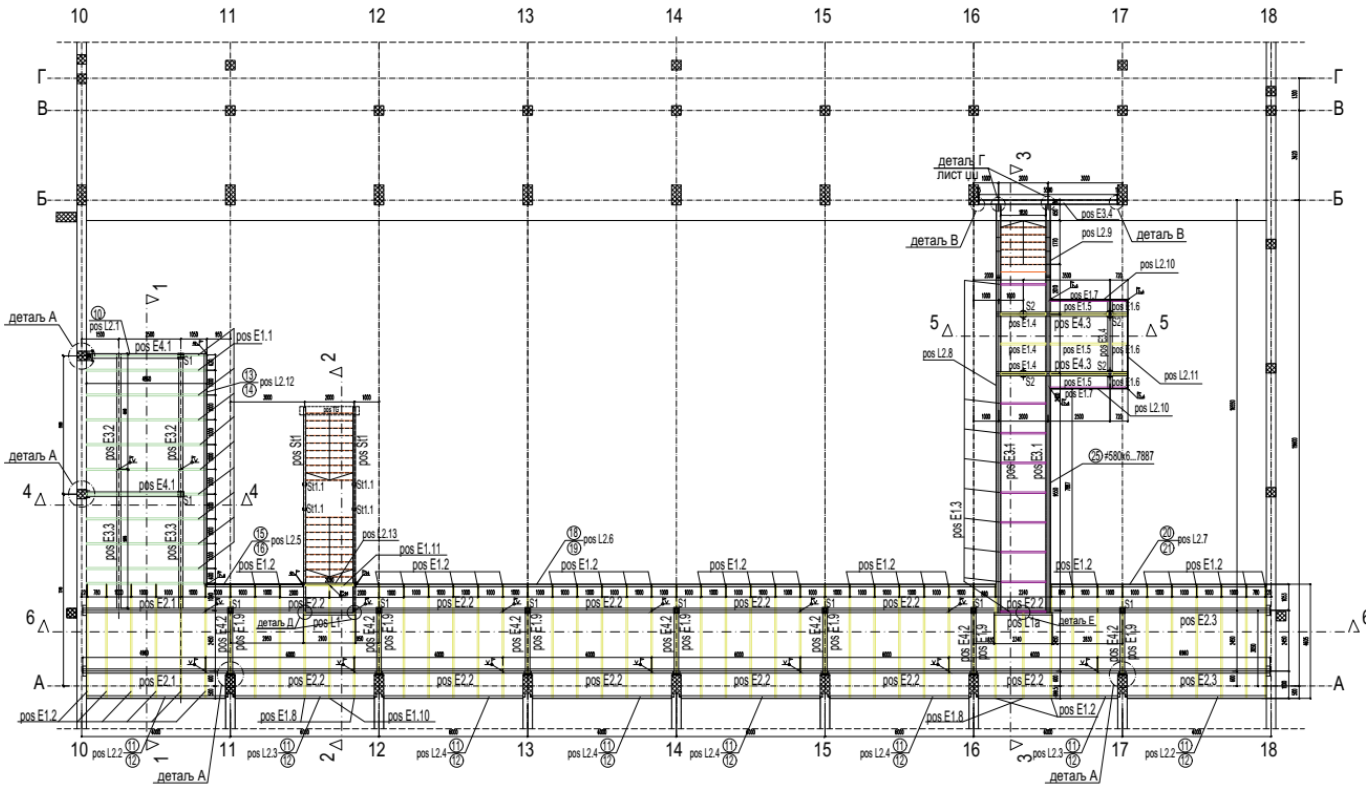
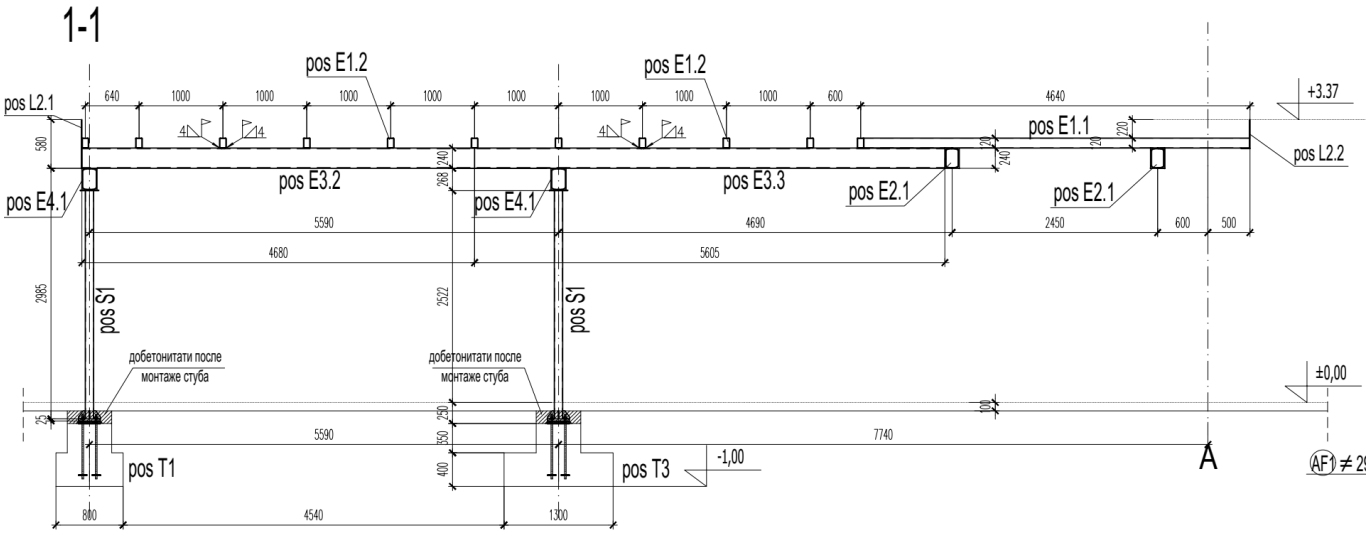
1. Tehnička dokumentacija:

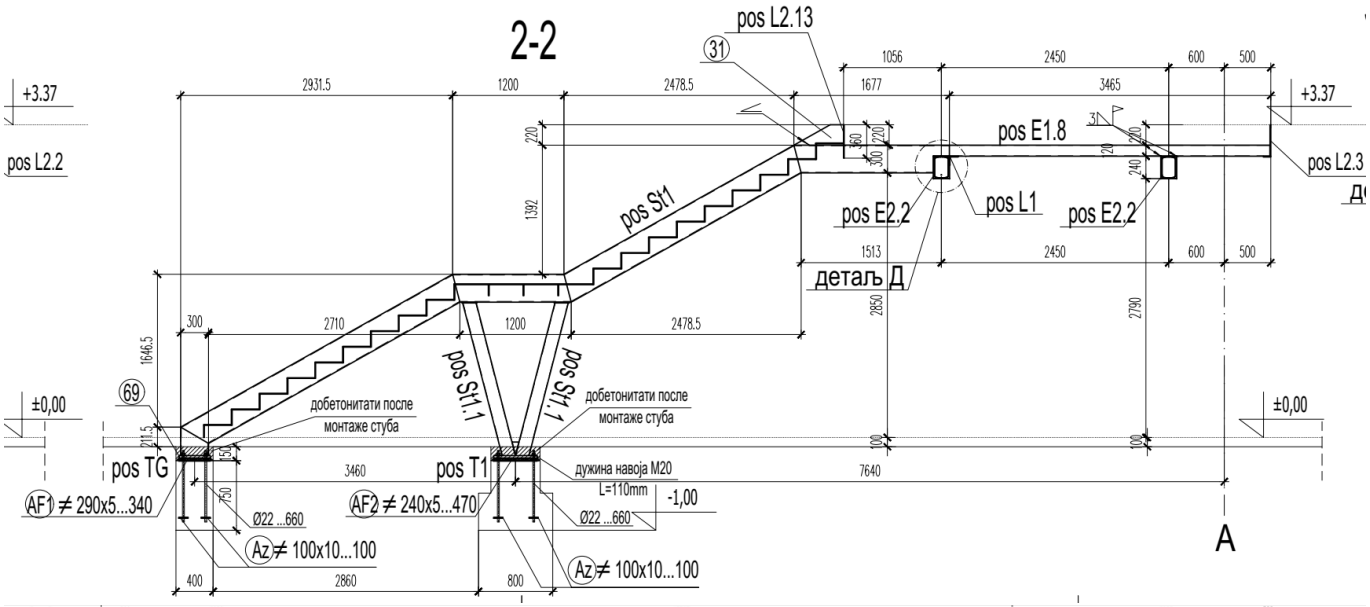
1.1. Tehnička dokumentacija iz knjige 2.9.1.1.1/2.9.1.1.2

ОСНОВА ГАЛЕРИЈЕ - диспозиција





2-2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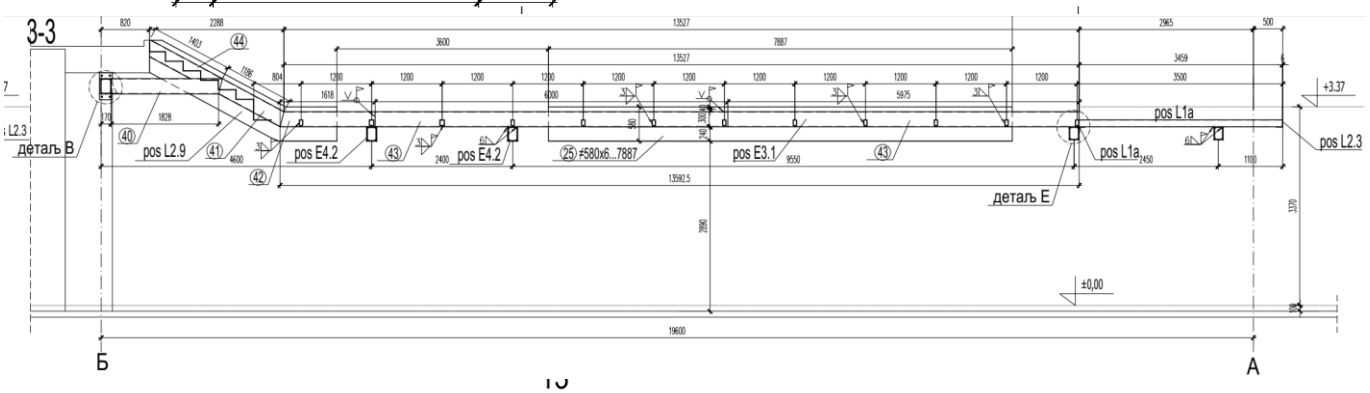
31
+3.37
pos L2.2
pos E1.8
pos L2.3
pos St1
pos E2.2
pos L1
pos E2.2
детаљ Д
pos St1.1
pos St1.2
69
±0,00
добетонитати после монтаже стуба
pos TG
pos T1
дужина навоја M20
L=110mm
-1,00
AF1 ≠ 290x5...340
AF2 ≠ 240x5...470
Ø22 ...660
Az≠ 100x10...100
А

3-3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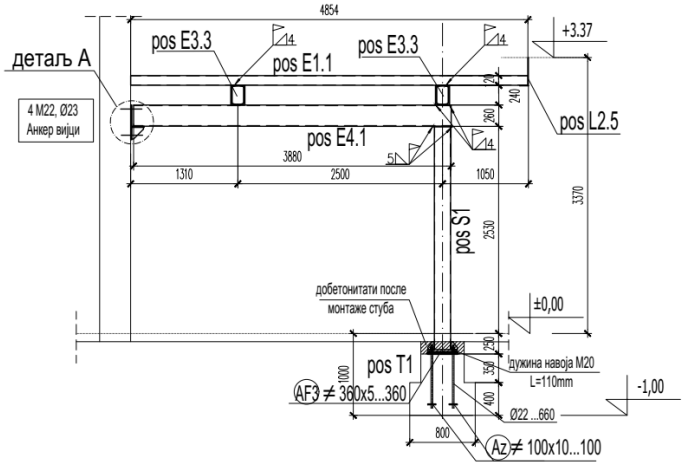
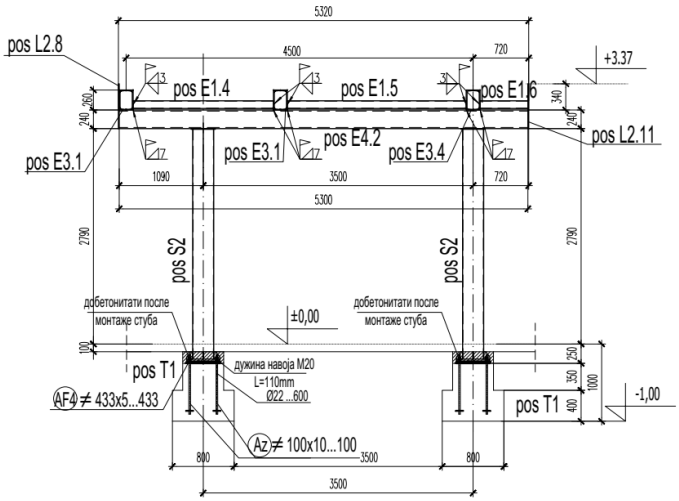
pos L2.3
детаљ В
pos L2.9
pos E4.2
pos E4.2
pos E3.1
pos L1a
детаљ Е
±0,00
Б
А

4-4


детаљ А
4 M22, Ø23
Анкер вијци
pos E3.3
pos E1.1
pos E3.3
+3.37
pos L2.5
pos E4.1
pos S1
добетонитати после монтаже стуба
±0,00
pos T1
дужина навоја M20
L=110mm
-1,00
AF3 ≠ 360x5...360
Ø22 ...660
Az≠ 100x10...100

5-5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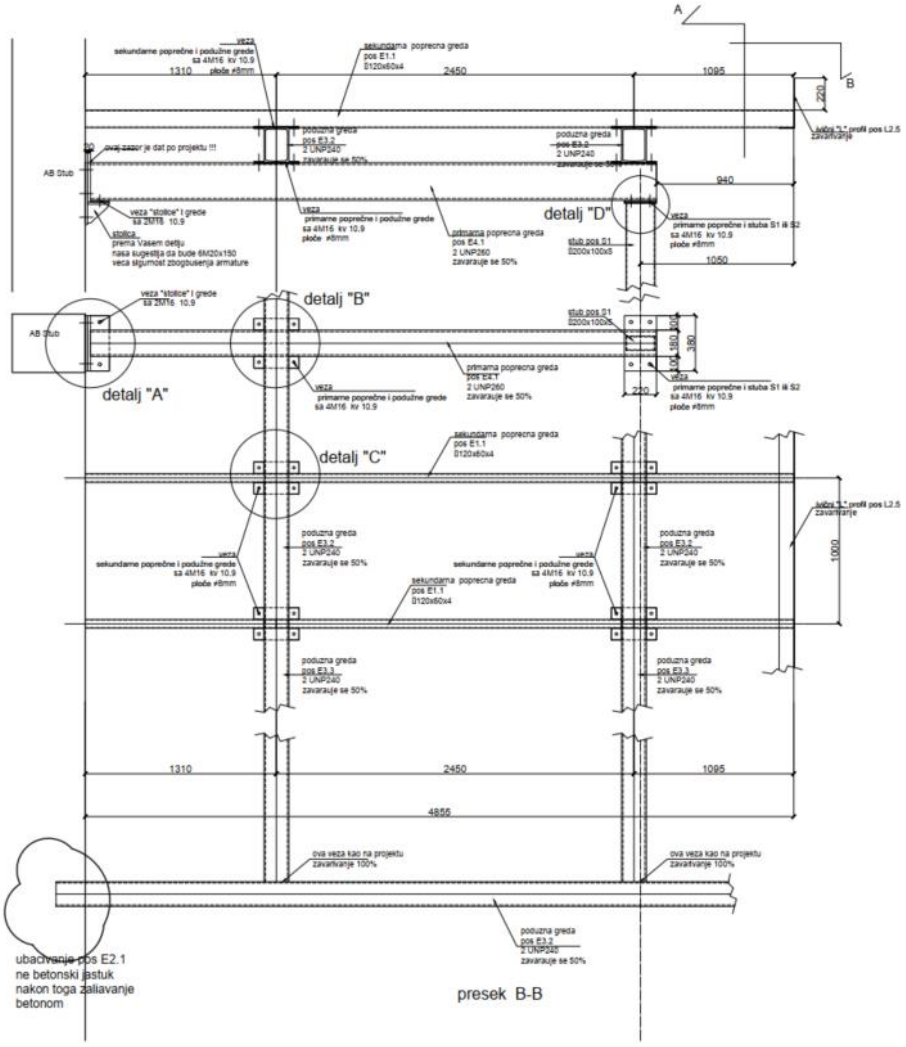
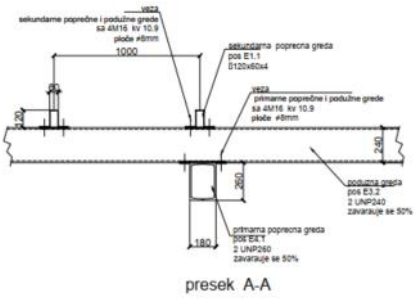
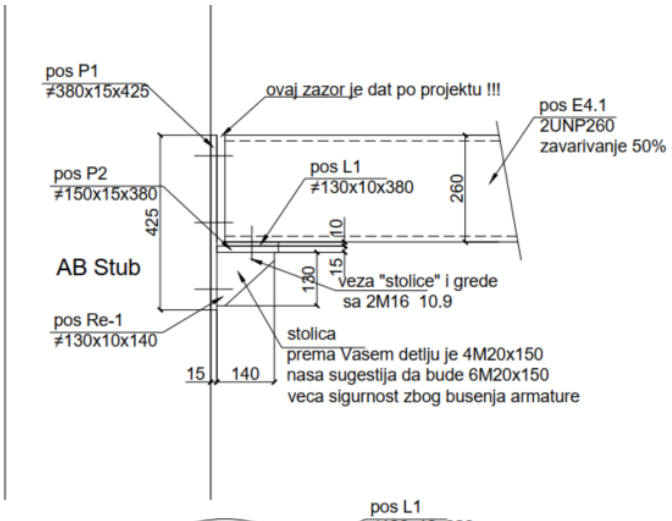
pos E3.1
pos E4.2
pos E3.4
pos L2.11
pos S2
pos S2
добетонитати после монтаже стуба
добетонитати после монтаже стуба
±0,00
pos T1
дужина навоја M20
L=110mm
Ø22 ...600
AF4 ≠ 433x5...433
pos T1
-1,00
Az≠ 100x10...100

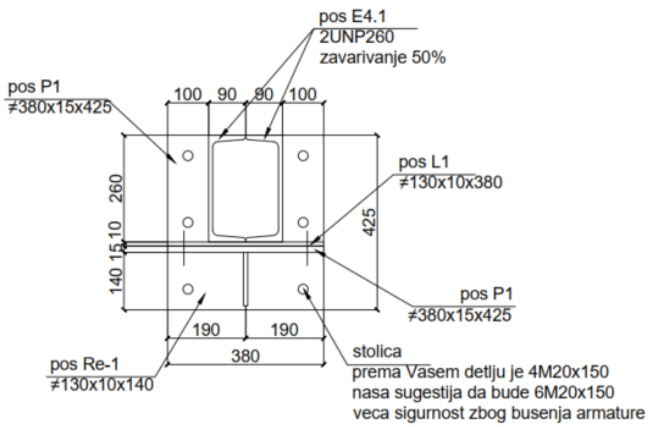
1.2. Radionički crteži čeličnih profila sa detaljima veza (predlozi izmena veza radi ubrzanja izrade montaže ostali detalji se rade prema knjizi 2.9.1.1.1/2.9.1.1.2)

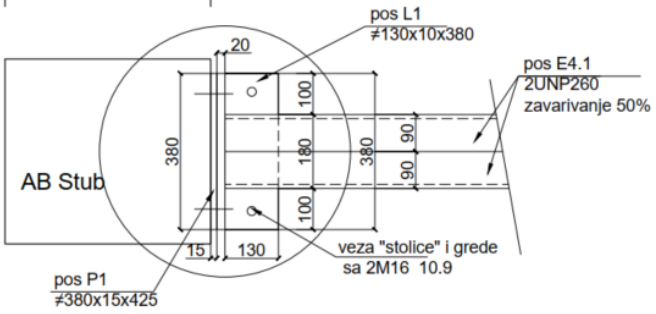




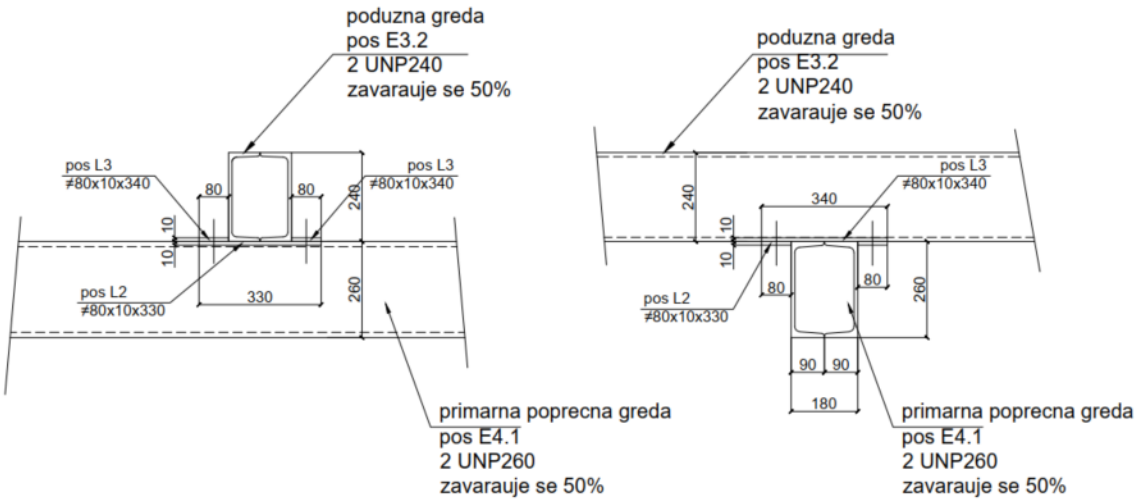
PREDLOZI VEZE ČELIČNIH ELEMENATA
nije prikazano -stub S2 Ø273 bi se takodje sa 4M16 zavrtnjavima za gredu pos E1.5 veze koje nismo naglasili ostaju po projektu na zavarivanje
Sve predložene veze višestruko ubrzavaju fazu montaže a ne ugrožavaju statiku iz razloga jer nisu veze na smicanje-svaki profil stoji na profilu

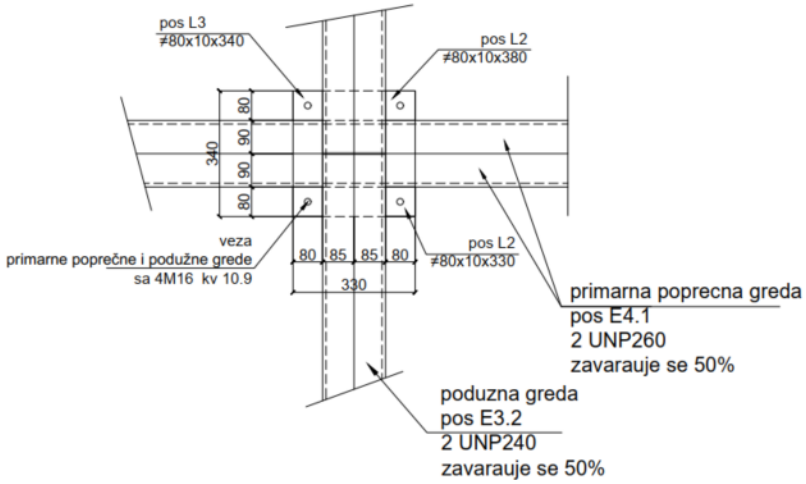




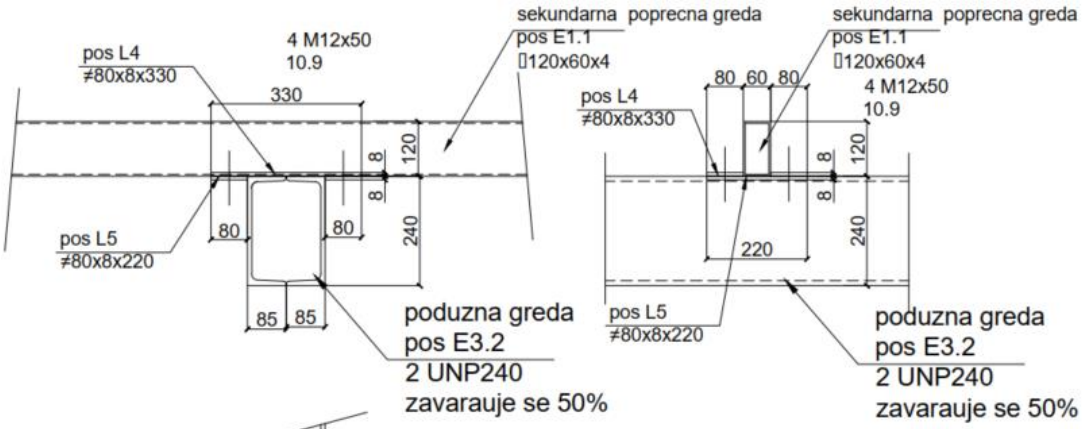


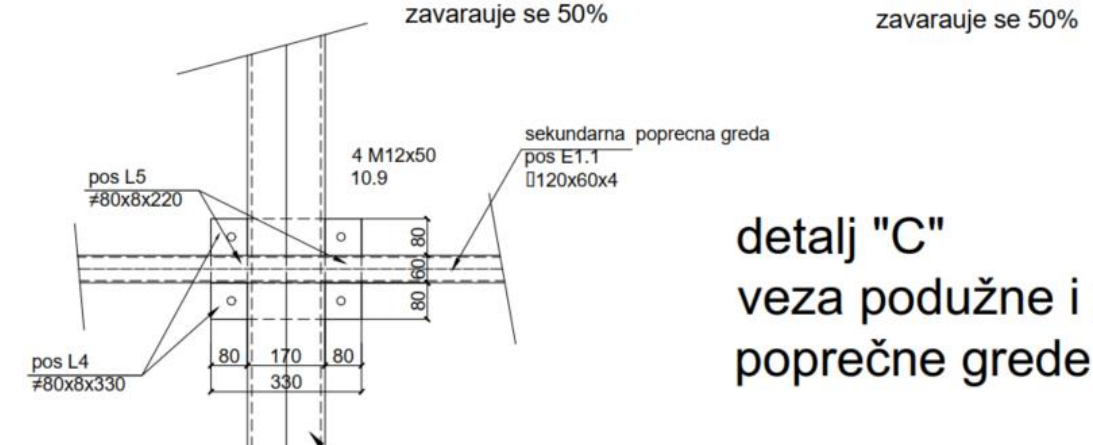
detalj "A"
veza grede za AB stub



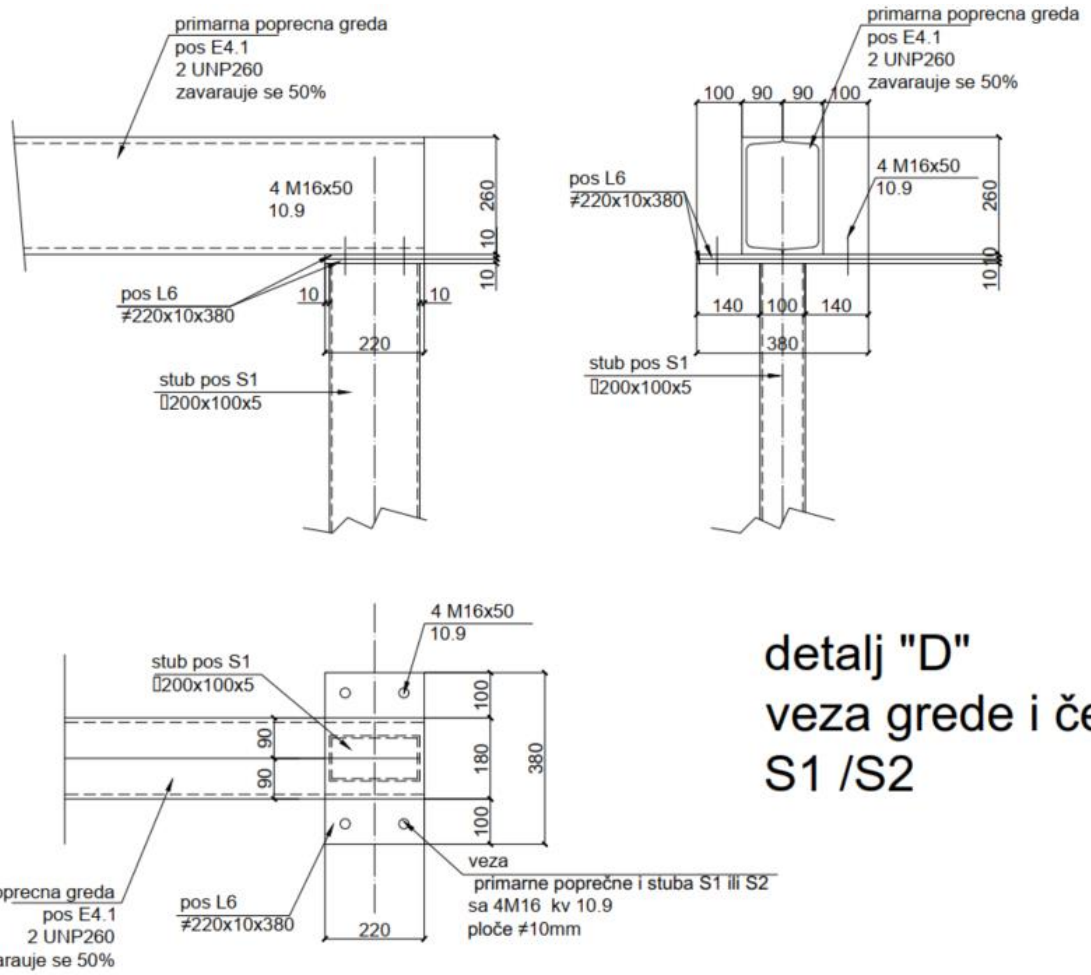


detalj "B"
veza poprečne i podužne grede





detalj "C"
veza podužne i sekundarne poprečne grede E1.1



detalj "D"
veza grede i čel stuba
S1 /S2

2. Atesna dokumentacija:

2.1. Sertifikat o ispitivanju žice za zavarivanje:

WÜRTH

SERTIFIKAT

Naziv proizvoda: Žica za zavarivanje CO2, Basic, 1mm
Prečnik žice: 1 mm
Wurth broj artikla: 509821101
Broj serije: 2042156

Klasifikacija: AWS 5.18: ER70S-6
:EN ISO 14341-A - G 42 4 M21/M32 3Si1
:EN ISO 14341-A - G 42 3 C1 3Si1

Hemijska analiza (%) * **EN 10204 2.2**

C (%)	Si (%)	Mn (%)	S (%)	P (%)	Cr (%)	Ni (%)	Mo (%)	Cu (%)	V (%)
0,072	0,828	1,48	0,007	0,017	0,020	0,012	0,009	0,116	0,008

**** Hemijski sastav uzoraka obložene elektrode i punjene žice uzeti su iz zavarenog metala (spoja). Hemijski sastav uzoraka pune žice uzet je iz sirovine za proizvodnju žice.***

Mehanička analiza zavarenog spoja (epruveta) **EN 10204 2.2**

Test zatezanja

Stanje.**	Čvrstoća na zatezanje	Granica elastičnosti	Izduženje
	N/mm2	N/mm2	%
	565	455	28

Udarni test

Stanje.**	Žljeb	Temperatura	Prosek
		°C	Joule
	ISO-V	-30	129

***** PWHT – Termička obrada nakon zavarivanja: Zavaren spoj – Bez termičke obrade i otpuštanja napona***

Ostali testovi **EN 10204 2.2**

Dodatne informacije
Zaštitni gas : CO2

1- Gore navedeni proizvod je proizveden i kontrolisan u skladu sa ISO 9001 - sistemom upravljanja kvalitetom.
2- Napominjemo da se rezultati hemijskih i mehaničkih ispitivanja zavarenih spojeva u proizvodnji mogu razlikovati usled različitih parametara zavarivanja.
3- Rezultati mehaničkih i hemijskih ispitivanja su ažurni i validni.

Wurth d.o.o. Beograd
Svetog Save 60v, Surčin
11271 Beograd

Mesto i datum

Beograd, 22.05.2023

d.o.o. za trgovinu montažnom opremom "WÜRTH" BEOGRAD

Broj sertifikata

20210002

Informacije iz ovog dokumenta su informativnog karatkera, izmerene su na interim testovima i predstavljaju trenutne podatke koji ne predstavljaju garanciju da je proizvod pogodan za specifične namene i upotrebu.

2.2. Izveštaj o ispitivanju elektroda za zavarivanje:

sij | elektrode

SIJ ELEKTRODE JESENICE d.o.o.
Cesta železarjev 8
SI-4270 Jesenice
Slovenia, EU
+386 4 584 1502
+386 4 586 1442
elektrode@elektrode.si
www.elektrode.si

Potrdilo o kvaliteti / Werkszeugnis / Test report EN 10 204 2.2

Naročnik:

Dobavni list: **D-70-22-00327**

Datum: **15.03.2022**

Kemična analiza

Šifra	Naziv	Št. šarže	Teža (KG)	Naročilo
754424001	**INOX R 18/8/6 FE ELEKTRODA 3.25/350**	**012477**	**360.00**	**34**
EN ISO 3581-A : E 18 8 Mn R 53 AWS A-5.4 : ~E 307-16				

C %	Mn %	Si %	Cr %	Ni %
0,08	7,0	<1,2	19,0	9,0

Mehanske lastnosti

Št. šarže	Rel/Rp0,2 (MPa)	Rm (MPa)	A5 (%)	Av (J)	T (°C)	Trdota	Toplotna obdelava	Uporabnost
012477	>350	590-690	>30	>50	+20			

714474001	**EVB 50 ELEKTRODA 3.25/350**	**111423**	**1,920.00**	**48**
EN ISO 2560-A : E 42 4 B 32 H5 AWS A-5.1 : E 7018-1H4R				

C %	Mn %	Si %
0,07	1.00	0.60

Mehanske lastnosti

Št. šarže	Rel/Rp0,2 (MPa)	Rm (MPa)	A5 (%)	Av (J)	T (°C)	Trdota	Toplotna obdelava	Uporabnost
111423	>420	500-640	>22	>47	-40			

715475001	**EVB 50 ELEKTRODA 4/450**	**022404**	**2,268.00**	**48**
EN ISO 2560-A : E 42 4 B 32 H5 AWS A-5.1 : E 7018-1H4R				

C %	Mn %	Si %
0,07	1.00	0.60

Mehanske lastnosti

Št. šarže	Rel/Rp0,2 (MPa)	Rm (MPa)	A5 (%)	Av (J)	T (°C)	Trdota	Toplotna obdelava	Uporabnost
022404	>440	510-610	>24	>47	-40			

714474001	**EVB 50 ELEKTRODA 3.25/350**	**091462**	**960.00**	**48**
EN ISO 2560-A : E 42 4 B 32 H5 AWS A-5.1 : E 7018-1H4R				

C %	Mn %	Si %
0,07	1.00	0.60

Mehanske lastnosti

Št. šarže	Rel/Rp0,2 (MPa)	Rm (MPa)	A5 (%)	Av (J)	T (°C)	Trdota	Toplotna obdelava	Uporabnost
091462	>420	500-640	>22	>47	-40			

Slovenska industrija jekla
Družba je vpisana v sodni register pri okrožnem sodišču v Kranju; št. vložka 1/06142/00. Osnovni kapital: 1.254.050,00 EUR. Identifikacijska številka za DDV: SI47995556. Matična številka: 1254639.
To potrdilo, ki ga izdajamo z uporabo poslovno-informacijskega sistema, je v skladu SN 10204, ods. 5 in velja brez podpisa.
Diese Bescheinigung durch ein geeignetes Datenverarbeitungs-system erstellt und ist gemäss EN 10204, abs. 5 ohne Unterschrift gueltig.
This Certificate has been issued by a qualified Electronic Data System and is valid acc. To EN 10204, para. 5 without signature.
Žig in podpis

3. Atesna dokumentacija zavarivanja:

3.1. Atesti zavarivača

ZAVOD ZA ZAVARIVANJE DOO
INSTITUT DE SOUDURE - WELDING INSTITUTE

SERTIFIKAT O STRUČNOJ OSPOSOBLJENOSTI ZAVARIVAČA
Welder´s Qualification Test Certificate

Oznaka: *Designation(s):* **SRPS EN ISO 9606-1 135 P BW FM1 S t8 PA ss nb**

Ime i prezime zavarivača: *Welder's name:* **VINKO ROSIĆ** Broj *Number:* **92/21**

Identifikacija: *Identification:* **1711960880061** Žig zavarivača: *Welder's brand:* /

Datum i mesto rođenja: *Date and place of birth:* **17.11.1960. Beograd** Isprava identifikacije: *Method of identification:* **JMBG**

Poslodavac: *Employer:* **Profi Industrija d.o.o. Ugrinovci**

Pravilo / standard: *Code / Testing Standard:* **SRPS EN ISO 9606-1**

Fotografija

Proizvođačka WPS (ako je primenljiva): *Manufacturer'sWPS (if applicable):* **/**

		Podaci o ispitnom uzorku *Test piece*	Područje odobrenja *Range of qualification*
Poznavanje struke: *Job knowledge*	**Prihvatljivo** *Acceptable*		
Postupak zavarivanja / *Welding process(es)*		**135**	**135, 138**
Vrsta prenosa/ *Transfer mode*		**u kratkom spoju/***short circuit*	**i ostale vrste prenosa /** *and other transfer mode*
Lim ili cev / *Plate or pipe*		**P**	**P, T (D≥150mm)**
Tip spoja / *Type of weld*		**BW**	**BW**
Grupa(e) osnovnog materijala / *Parent material group(s)*		**1.1**	-
Grupa(e) dodatnog materijala / *Filler material group(s)*		**FM1**	**FM1, FM2**
Oznaka dodatnog materijala / *Filler material(Designation)*		**S**	**S, M**
Zaštitni gas / *Shielding gas*		**EN ISO 14175-M21**	**EN ISO 14175-M21**
Pomoćni materijal / *Auxiliaries (e g. backing gas)*		-	-
Vrsta struje i polaritet / *Type of current and polarity*		**DC (+)**	-
Debljina materijala (mm) / *Material thickness (mm)*		**8**	**3÷16 mm**
Debljina metala šava (mm) /*Deposited thickness (mm)*		-	-
Spoljašnji prečnik cevi (mm) / *Outside pipe diameter (mm)*		-	-
Položaj zavarivanja / *Welding position*		**PA**	**PA**
Žljebljenje/podloška / *Gouging/backing*		**ss nb**	**ss nb, ss mb, bs, ss gb, ss fb**
Jednoslojni/višeslojni / *Multi/single layer*		**ml**	sl, ml

Supplementary fillet weld test (completed in conjunction with a butt weld qualification: acceptable/not acceptable)

Vrsta ispitivanja *Type of tests*	IZVRŠENO I PRIHVATLJIVO *Performed and accepted*	NE ZAHTEVA SE *Not required*
Vizuelno / *Visual testing*	x	-
Radiografija / *Radiography testing*	x	-
Prelom / *Fracture test*	-	x
Savijanje / *Bend test*	x	-
Zatezanje / *Notch tensile test*	-	x
Makrostrukturno / *Macroscopic examin*	-	x
Dodatna ispitivanja* / *Additional tests**	-	x

*) Priložiti poseban list, ako je potrebno / *Append separate sheet if require*

Sertifikaciono telo: **Zavod za zavarivanje d.o.o, ZAVOD-CERTPers**
Certification body

Menadžer šeme sertifikacije zavarivača
Scheme manager of welders

Datum izdavanja/*Date of issue:* **08.02.2021.**
Mesto/*Location:* **Beograd**
Sertifikat važi do/*Validity to:* **04.02.2023.**(prema/*according* 9.3b)

Produženje sertifikata od strane poslodavca/koordinatora/ispitivača ili ispitnog tela za 6 meseci(prema 9.3 a,b,c)
Confirmation of the validity by employer/welding coordinator/examiner or examining body for the following 6 months (refer to 9.3 a,b,c)

Produženje *Revalidation* 9.3a)	Važi do: *Valid until:*	Produženje *Revalidation* 9.3b)	Važi do: *Valid until:*

Produženje sertifikata od strane sertifikacionog tela za 2 godine(prema 9.3 b)
Revalidation for qualificationby examiningbody for the following 2 years (refer to 9.3 b)

Datum/*Date* Potpis/*Signature* Funkcija/*Position or title*

Datum/*Date* Potpis/*Signature* Funkcija/*Position or title*

ZAVOD ZA ZAVARIVANJE DOO
INSTITUT DE SOUDURE - WELDING INSTITUTE

SERTIFIKAT O STRUČNOJ OSPOSOBLJENOSTI ZAVARIVAČA
Welder´s Qualification Test Certificate

Oznaka: *Designation(s):* **SRPS EN ISO 9606-1 135 P BW FM1 S t8 PA bs**

Ime i prezime zavarivača: *Welder's name:* **GORAN (Jovanče) STOŠIĆ** Broj: *Number:* **1934/16**

Identifikacija: *Identification:* **1001975742512** Žig zavarivača *Welder's brand:* /

Datum i mesto rođenja: *Date and place of birth:* **10.01.1975. Bujanovac** Isprava identifikacije: *Method of identification:* **JMBG**

Poslodavac: *Employer* **„PROFI INDUSTRIJA'' d.o.o Ugrinovci**

Pravilo / standard: *Code / Testing Standard* **SRPS EN ISO 9606-1**

Proizvođačka WPS (ako je primenjiva) / *Manufacturer'sWPS (if applicable):* /

Fotografija

		Podaci o ispitnom uzorku *Test piece*	Područje odobrenja *Range of qualification*
Poznavanje struke: *Job knowledge*	**Prihvatljivo** *Acceptable*		
Postupak zavarivanja / *Welding process(es)*		**135**	**135, 138**
Vrsta prenosa/ *Transfer mode*		**u kratkom spoju/***short circuit*	**i ostale vrste prenosa /** *and other transfer mode*
Lim ili cev / *Plate or pipe*		**P**	**P, T (D≥150mm)**
Tip spoja / *Type of weld*		**BW**	**BW**
Grupa(e) osnovnog materijala / *Parent material group(s)*		**1.1**	-
Grupa(e) dodatnog materijala / *Filler material group(s)*		**FM1**	**FM1, FM2**
Oznaka dodatnog materijala / *Filler material(Designation)*		**S**	**S, M**
Zaštitni gas / *Shielding gas*		**EN ISO 14175-M21**	**EN ISO 14175-M21**
Pomoćni materijal / *Auxiliaries (e.g. backing gas)*		-	-
Vrsta struje i polaritet / *Type of current and polarity*		**DC (+)**	-
Debljina materijala (mm) / *Material thickness (mm)*		**8**	**3÷16mm**
Debljina metala šava (mm) /*Deposited thickness (mm)*		-	-
Spoljašnji prečnik cevi (mm) / *Outside pipe diameter (mm)*		-	-
Položaj zavarivanja / *Welding position*		**PA**	**PA**
Žljebljenje/podloška / *Gouging/backing*		-	-
Jednoslojni/višeslojni / *Multi/single layer*		bs	ss mb, bs

Supplementary fillet weld test (completed in conjunction with a butt weld qualification: acceptable/not acceptable)

Vrsta ispitivanja *Type of tests*	IZVRŠENO I PRIHVATLJIVO *Performed and accepted*	NE ZAHTEVA SE *Not required*
Vizuelno / *Visual testing*	x	-
Radiografija / *Radiography testing*	x	-
Prelom / *Fracture test*	-	x
Savijanje / *Bend test*	x	-
Zatezanje / *Notch tensile test*	-	x
Makrostrukturno / *Macroscopic examin*	-	x
Dodatna ispitivanja* / *Additional tests**	-	x

** Priložiti poseban list, ako je potrebno / Append separate sheet if required*

Produženje *Revalidation* (9.3a)	Važi do: *Valid until:*	Produženje *Revalidation* (9.3b)	Važi do: *Valid until:*

Produženje sertifikata od strane sertifikacionog tela za 2 godine(prema 9.3 b)
Revalidation for qualification by examiningbody for the following 2 years (refer to 9.3 b)

Datum/*Date*	Potpis/*Signature*	Funkcija/*Position or title*
/	/	/
/	/	/

Sertifikaciono telo: **Zavod za zavarivanje d.o.o, ZAVOD-CERTPers**
Certification body:

Menadžer šeme sertifikacije zavarivača
Scheme manager of welders

Darko Marović, B.Sc.M.E. IWE

Datum izdavanja/*Date of issue:* **19.12.2018.**
Mesto/*Location:* **Beograd**
Sertifikat važi do/*Validity to:* **19.12.2020.**(prema/*according* 9.3b)

Produženje sertifikata od strane poslodavca/koordinatora/ispitivača ili ispitnog tela za 6 meseci(prema 9.3 a,b,c)
Confirmation of the validity by employer/welding coordinator/examiner or examining body for the following 6 months (refer to 9.3 a,b,c):

Datum/*Date*	Potpis/*Signature*	Funkcija/*Position or title*

ZAVOD ZA ZAVARIVANJE DOO

INSTITUT DE SOUDURE - WELDING INSTITUTE

SERTIFIKAT O STRUČNOJ OSPOSOBLJENOSTI ZAVARIVAČA

Welder´s Qualification Test Certificate

Oznaka: *Designation(s):* **SRPS EN ISO 9606-1 135 P BW FM1 S t8 PA ss nb**

Ime i prezime zavarivača *Welder's name:* **GORAN STOŠIĆ** Broj *Number:* **91/21**

Identifikacija: *Identification:* **1001975742512** Žig zavarivača: *Welder's stamp:* /

Datum i mesto rođenja: *Date and place of birth:* **10.01.1975. Bujanovac** Isprava identifikacije: *Method of identification:* **JMBG**

Poslodavac: *Employer:* **Profi Industrija d.o.o. Ugrinovci**

Pravilo / standard: *Code / Testing Standard:* **SRPS EN ISO 9606-1**

Fotografija *(ako je zahtevana)* *Photograph (if required)*

Proizvođačka WPS (ako je primenljiva): **/** *Manufacturer'sWPS (if applicable):*

Poznavanje struke: *Job knowledge:* **Prihvatljivo** *Acceptable*	Podaci o ispitnom uzorku *Test piece*	Područje odobrenja *Range of qualification*
Postupak zavarivanja / *Welding process(es)*	**135**	**135, 138**
Vrsta prenosa/ *Transfer mode*	**u kratkom spoju/***short circuit*	**i ostale vrste prenosa /** *and other transfer mode*
Lim ili cev / *Plate or pipe*	**P**	**P, T (D≥150mm)**
Tip spoja / *Type of weld*	**BW**	**BW**
Grupa(e) osnovnog materijala / *Parent material group(s)*	**1.1**	-
Grupa(e) dodatnog materijala / *Filler material group(s)*	**FM1**	**FM1, FM2**
Oznaka dodatnog materijala / *Filler material(Designation)*	**S**	**S, M**
Zaštitni gas / *Shielding gas*	**EN ISO 14175-M21**	**EN ISO 14175-M21**
Pomoćni materijal / *Auxiliaries (e.g. backing gas)*	-	-
Vrsta struje i polaritet / *Type of current and polarity*	**DC (+)**	-
Debljina materijala (mm) / *Material thickness (mm)*	**8**	**3÷16 mm**
Debljina metala šava (mm) /*Deposited thickness (mm)*	-	-
Spoljašnji prečnik cevi (mm) / *Outside pipe diameter (mm)*	-	-
Položaj zavarivanja / *Welding position*	**PA**	**PA**
Žljebljenje/podloška / *Gouging/backing*	**ss nb**	**ss nb, ss mb, bs, ss gb, ss fb**
Jednoslojni/višeslojni / *Multi/single layer*	**ml**	**sl, ml**

Supplementary fillet weld test (completed in conjunction with a butt weld qualification: acceptable/not acceptable)

Vrsta ispitivanja *Type of tests*	IZVRŠENO i PRIHVATLJIVO *Performed and accepted*	NE ZAHTEVA SE *Not required*
Vizuelno / *Visual testing*	x	-
Radiografija / *Radiography testing*	x	-
Prelom / *Fracture test*	-	**x**
Savijanje / *Bend test*	x	-
Zatezanje / *Notch tensile test*	-	**x**
Makrostrukturno / *Macroscopic examin*	-	**x**
Dodatna ispitivanja* / *Additional tests**	-	**x**

*) Priložiti poseban list, ako je potrebno / *Append separate sheet if require*

Produženje *Revalidation* 9.3a)	Važi do: *Valid until:*	Produženje *Revalidation* 9.3b)	Važi do: *Valid until:*

Produženje sertifikata od strane sertifikacionog tela za 2 godine(prema 9.3 b)
Revalidation for qualificationby examiningbody for the following 2 years (refer to 9.3 b)

Datum/*Date* Potpis/*Signature* Funkcija/*Position or title*

Certifikaciono telo: **Zavod za zavarivanje d.o.o, ZAVOD-CERTPers**
Certification body:

Menadžer šeme **sertifikacije zavarivača**
Scheme manager of welders

Datum izdavanja/*Date of issue* **08.02.2021.**
Mesto/*Location* **Beograd**
Sertifikat važi do/*Validity to:* **04.02.2023.**(prema/*according* 9.3b)

Produženje sertifikata od strane poslodavca/koordinatora/ispitivača ili ispitnog tela za 6 meseci(prema 9.3 a,b,c)
Confirmation of the validity by employer/welding coordinator/examiner or examining body for the following 6 months (refer to 9.3 a,b c)

Datum/*Date* Potpis/*Signature* Funkcija/*Position or title*

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Certificate

in the scope of the directive 2014/68/EU Appendix I, 3.1.2.

Welder's qualification test certificate

2 Designation: **EN ISO 9606-1 135 P FW FM1 S t10 PF ml**

3

4 WPS - Reference: 02/23

5 Document No. (if applicable):

6 Welder's Name: Stošić, Goran

7 Identification: 1001975742512

8 Method of Identification: Personal identity number

9 Date and place of birth: 1975-1-10 in Bujanovac

10 Employer: PROFI Industrija d.o.o.

11 Code / Testing Standard: 44/2016 (XI.28) NGM, MSZ EN ISO 9606-1:2017

Comments: rot. tube with D >= 75 mm for PA, PB

Supplementary fillet weld test: no Examiner: Vojin MILIČ

12 Job knowledge: Accepted Test-No: 3411

13		Test piece	Range of qualification
14	Welding process(es):	135-D	135, 138 (D, G, S, P)
15	Product type (plate or pipe):	P	P, T
16	Type of weld:	FW	FW
17	Material group(s):	1.1	
	Filler material group(s)	FM1	FM1, FM2
18	Filler material (Designation):	S	S, M
19	Shielding gas:	M21	Similar shielding gas
20	Auxiliaries / Flux:		
	Type of current and polarity	=+	- - -
21	Material thickness (mm):	10.00	≥ 3.00
	Deposited thickness	- - -	
22	Outside pipe diameter, (mm):	- - -	≥ 500.00
23	Welding position(s):	PF	PA, PB, PF
24	Weld details:	ml	sl, ml

25 Additional information is available on attached sheet and / or WPS

26 27	Type of test	Performed and accepted
30	Visual testing	X
34	Fracture testing	X

37 *) Append separate sheet, if required

The applications of PED 2014/68/EU Appendix I, 3.1.2., permission of staff are fulfilled.

Certificate Authority: **TÜV Rheinland InterCert Kft**
Notified Body for Pressure Equipment 1008

Certificate No.: 01 202 HUNS 23 3411

Certifier: Krisztián Farago

Place / Date: Belgrade, 2023-3-29

Signature:

T3

Date of welding: 2023-3-2

Validity of qualification: 2025-3-1

38 According 9.3a: Confirmation of the validity by welding coordinator / examine / examining body for the following 6 month (refer to 9.2)

39	Date	Signature	Position or Title

Date	Signature	Position or Title

Edition of standard: MSZ EN ISO 9606-1:2017

created with EuroWeld Version 5.56.01

TÜVRheinland®
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Certificate

in the scope of the directive 2014/68/EU Appendix I, 3.1.2.

Welder's qualification test certificate

2 Designation: **EN ISO 9606-1 135 P BW FM1 S s10 PF ss nb**

3

4 WPS - Reference: 01/23

5 Document No. (if applicable):

6 Welder's Name: Rosić, Vinko

7 Identification: 1711960880061

8 Method of Identification: Personal identity number

9 Date and place of birth: 1960-11-17 in Zemun

10 Employer: PROFI Industrija d.o.o.

11 Code / Testing Standard: 44/2016 (XI.28) NGM, MSZ EN ISO 9606-1:2017

Comments: rot. tube with D >= 75 mm for PA

Supplementary fillet weld test: no

12 Job knowledge: Accepted

Examiner: Vojin MILIĆ

13 Test-No: 3409

		Test piece	Range of qualification
14	Welding process(es):	135-D	135, 138 (D, G, S, P)
15	Product type (plate or pipe):	P	P, T
16	Type of weld:	BW	BW
17	Material group(s):	1.1	
	Filler material group(s)	FM1	FM1, FM2
18	Filler material (Designation):	S	S, M
19	Shielding gas:	M21	Similar shielding gas
20	Auxiliaries / Flux:		
	Type of current and polarity	=+	- - -
21	Material thickness (mm):	10.00	
	Deposited thickness	10.00	3.00 - 20.00
22	Outside pipe diameter. (mm):	- - -	≥ 500.00
23	Welding position(s):	PF	PA, PF
24	Weld details:	ss nb	ss nb, ss mb, bs, ss gb, ss fb

25 Additional information is available on attached sheet and / or WPS

26

27	Type of test	Performed and accepted
30	Visual testing	X
	Ultrasonic testing	X

37 *) Append separate sheet, if required

The applications of PED 2014/68/EU Appendix I, 3.1.2., permission of staff are fulfilled.

Certificate Authority: **TÜV Rheinland InterCert Kft**
Notified Body for Pressure Equipment 1008

Certificate No.: 01 202 HUN/S-23 3409

Certifier: Krisztián Faragó

Place / Date: Belgrade, 2023-5-29

Signature:

Date of welding: 2023-3-2

Validity of qualification: 2026-3-1

38 According 9.3a: Confirmation of the validity by welding coordinator / examine / examining body for the following 6 month (refer to 9.2)

39

Date	Signature	Position or Title

Date	Signature	Position or Title

Edition of standard: MSZ EN ISO 9606-1:2017

created with EuroWeld Version 5.56.01

4. Sertifikati

Certificate

Inspection of the welding quality requirements according ISO 3834

Certificate no.:	01 240 SRB/A 22 1001
Name and address of the certificate holder:	**Profi Industrija d.o.o.** **Zemunska 22/12** **11277 Ugrinovci** **Serbia**

It is hereby certified that the manufacturer has furnished proof of the quality requirements according to the test basis. The mentioned company:

- operates a quality system which ensures that the manufacture and inspection of the products stated in our report, are in compliance with applicable technical standards and regulations;
- employs qualified supervisory and inspection personnel;
- has qualified welding processes and welding personnel;
- has adequate facilities permitting manufacture and inspection of welded products.

Test basis:	**EN ISO 3834-2**
Audit report no.:	E-22190-I
Scope:	**The scope of the inspection and other relevant data are given in the annex to the certificate.**
Manufacturing plant:	see annex 2
Validity:	**This certificate is valid until 2025-07-07.**

Cologne, 2022-07-08

Dipl.-Ing. Achim Makowka
Certification Body for welding manufacturers

TÜV Rheinland Industrie Service GmbH
Certification Body for welding manufacturers
Am Grauen Stein, D-51105 Cologne

M-012-Rev24

www.tuv.com

IAF

DAkkS Deutsche Akkreditierungsstelle D-ZE-11052-07-00

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CERTIFICATE

conformity of the Factory Production Control

2627-CPR-1090-1.RS0001.TÜVRh.22.00

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulations - CPR)

This certificate applies to the following construction product:

Construction product	Structural components and kits for steel structures to EXC2 according to EN 1090-2:2018
Intended use	for load-bearing structures in all types of buildings
CE-marking method	ZA.3.2, ZA.3.4 according to EN 1090-1:2009+A1:2011
Manufacturer	**PROFI Industrija d.o.o.** Zemunska 22/12 11277, Ugrinovci Serbia
Manufacturing plant Production facility of the manufacturer	Beogradska br.93, 11277 Ugrinovci
Confirmation	This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the harmonised standard EN 1090-1:2009+A1:2011 under system 2+ are applied and that the factory production control is assessed to be in conformity with the applicable requirements.
Date of first issue	02.01.2023
Next Surveillance inspection	29.04.2023
Period of validity	This certificate will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.
Place and date of issue	Zabrze, 02.01.2023

Wojciech Szałek
Notified Body

PCA
AC 141

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2627
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WELDING CERTIFICATE

8610-1090-1.RS0001.TÜVRh.22.00

in accordance with EN 1090-1:2009+A1:2011, table B.1 for execution of structural steel components EN 1090-2:2018 / aluminium EN 1090-3:2008

Manufacturer	**PROFI Industrija d.o.o.** Zemunska 22/12 11277, Ugrinovci Serbia
Manufacturing plant Production facility of the manufacturer	Beogradska br.93, 11277 Ugrinovci
Technical specification	EN 1090-2:2018
Execution class(es)	EXC2 according to EN 1090-1:2009+A1:2011
Welding Process(es) (Reference no acc. to EN ISO 4063)	135 - Metal active gas welding, partly mechanized
Material group	1.1, 1.2 according to CEN ISO/TR 15608
Responsible welding coordinator	IWE Diploma No: SRB/IWE/00123
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.
Begin of validity	02.01.2023
Period of validity	01.01.2024
Place and date of issue	Zabrze, 02.01.2023

Wojciech Szałek
Certification Body

TÜV Rheinland® Certification Body

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INTERNATIONAL INSTITUTE OF WELDING

Having met the Education and Training requirements of IIW Guideline 'International Welding Inspection Personnel' and by examination having satisfied the requirements of the Examination Board of the IIW Authorised National Body

Name: **Zoran ZAGORAC**

Date of birth: **13. 11. 1972.**

is hereby awarded the diploma of

INTERNATIONAL WELDING INSPECTOR

Comprehensive Level

Date: **24 May, 2012**

Diploma No: **SRB /IWI-C/ 00069**

Prof. Stojan Sedmak, Dr.Sc.
Chairman of
Examination Board

Goran Sofronić, Eng.
Head of
Training School

IIW Authorised National Body:
DUZS-CertPers, Serbia

Training School:
Zavod za zavarivanje AD, Beograd

This diploma is subject to the rules concerning its use and misuse
See overleaf

INTERNATIONAL INSTITUTE OF WELDING

Having met the Education and Training requirements of IIW Guideline 'International Welding Engineer' and by examination having satisfied the requirements of the Examination Board of the IIW Authorised National Body

Name: **Saša RADEVIĆ**

Date of birth: **10. 05. 1972.**

is hereby awarded the diploma of

INTERNATIONAL WELDING ENGINEER

Date: **30 April, 2008**

Diploma No: **SRB / IWE / 00123**

Prof. Stojan Sedmak, Dr.Sc.
Chairman of
Examination Board

Vladimir Lilić, B.Sc.
Head of
Training School

IIW Authorised National Body:
DUZS-CertPers, Serbia